

ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Development Agency (BRRDA)

Head: F.D.R.

YEAR (2021-22)

STATE DICTRICT BLOCK DIVISION

BIHAR SUPAUL CHHATAPUR TRIVENIGANI

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR HOTE HUYE TO MD. GANJ HOTE SIMA SADAK TAK

Actual Length of Road	=	1.600 Km
Flood affected Length of Road	=	0.230 Km
TOTAL COST OF PAVEMENT	Rs	1,244,805
TOTAL PROJECT COST	Rs	1,244,805

Submitted By:
Executive Engineer
RWD (W) Division, Triveniganj

Prepared By:
Executive Engineer
RWD (W) Division, Triveniganj

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23	Supaul	friveniganj	Ranipatti WN 6 To Sada Tola	1.128	0.15	9.5 C	nhatapur	
24	Supaul	Triveniganj	Paswan Tola To pal tola	1	0.06	12 C	hhatapur	
26	Supaul	Triveniganj	dohamadganj ward no 02 sima se bechan sah shambhu paswan tola to hote hue beriya sima tak	1.865	0.06	22	Chhatapur	
27	Supaul	Triveniganj	Jadiya Balua Path SHW se purab swasthya up kendra P.o. se Purab to Madhopur panchyat sima tak via Chauhan, Mandal, Nauniya tola	1.99	0.3	12.5	Chhatapur	
28	Supaul	Triveniganj	Madhopur kaji tola paschim kujrahi to SHW birpur Sukhai chowk tak	1.999	0.27	16	Chhatapur	
29	Supaul	Triveniganj	Ambika mandal ke ghar ke nikat to Dipu paswan ke ghar kamat kisunganj sima	2.63	0.45	53	Chhatapur	
30	Supaul	Triveniganj	Mahaddipur Bazar to Batrahi Muslim Tola	0.3	0.4	3.5	Chhatapur	
31	Supaul	Triveniganj	H O Mano Mandal to Ram Tola	0.7	0.1	15	Chhatapur	
32	Supaul	Triveniganj	Chhatapur laxmipur sima se to Khatbe tola Mahadalit tola khunti tak	3	0.05	45	Chhatapur	
33	Supaul	Triveniganj	Bairia Pula से Md Ganj Sima H O Ravin Thakur	0.9	0.085	45	Chhatapur	
34	Supaul	Triveniganj	Brahaman Tola PMGSY Udhampur Bhagwatipur to Ram Tola	1	0.3	28	Chhatapur	
35	Supaul	Triveniganj	HO Prakas Singh to Sah Tola	1.2	0.3	18.5	Chhatapur	
36	Supaul	Triveniganj	Gulab Chand Mukhia House to Mullah Tola	1.8	0.25	16.5	Chhatapur	
37	Supaul	Triveniganj	N H 57 Yadav Tola to Paswan Tola-2722	1	0.15	9.75	Chhatapur	
38	Supaul	Triveniganj	Koriyapatti to Rajeshwari path	3	0.38	22	Chhatapur	
39	Supaul	Triveniganj	Karwana Bechan Sah Ke Ghar To Dahariya Sima Tak	2.27	0.25	18	Chhatapu	
40	Supaul	Triveniganj	Madhopur Ansari Tola Se Dakshin to SHW Amar Chowk via Mahadalit Tola Yadav Tola	1.05	0.3	58	Chhatapt	
41	Supaul	Triveniganj	Rani Patti 49 RD to Digambar Jha Ke Ghar tak	2	0.215	18.5	Chhatapi	
19	Supaul	Triveniganj	World Bank Road Barma Colony Hote Huye to Kishan Yadav Ke Ghar tak	1.53	0.2	22.5	Chhatap	
42	Supaul	Triveniganj	Singh ke Ghar tak	2.2	0.2	29	Chhatap	
43	Supaul	Trivenigan	31 Nosadak Laxman Mehta Ke Ghar Hote Huye to Md. Ganj Hote Sima Sadak Tak	1.6	0.3	20	Chhatap	
44	Supaul	Trivenigan	Mary Count Fact to Documen Tole	2.37	0.3	25	Chhatai	
45	Supaul	Trivenigan	NH 57 to Nuniya Tola	5.1	0.35	18.5	Chhata	
46	Supaul	Trivenigan	House of Manilal Paswan Tola to Adibasi Tola	2.7	0.54	17.5	Chhata	
47	Supaul	Trivenigan		5.1	0.06	42.5	Chhata	
-	-		Construction of Road from Koriyapatti, Rajeshwari Pak j sadak to the west of Gangapur Minar Canel 8.5 rd to	ki 0 2.75	0.2	48.86	Chhata	

जाय प्रातिवद्दन

प्राप्त ग्रामीण कार्य विभाग, बिहार, पटना के पत्रांक-1890 दिनांक-22.04.2022 द्वारा अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा की अध्यक्षता में गठित चार सदस्यीय

पत्रां प्रमुख, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा की अध्यक्षता में गठित चार सदस्यीय

प्राप्त कार्य प्रमंडल, त्रिवेणीगंज के अंतर्गत वर्ष 2021-22 में बाद/अतिवृष्टि से क्षतिग्रस्त पथों के मोटरेबुल कार्य के कृत कार्य मदों की मात्रा का स्थलीय जींच संबंधित सहायक अभियंता

हिनोब अभियंता के साथ मापी लिया गया जी निम्न है :--

ne of Road :- 31 NO ROAD LAXUMAN MEHTA KE HGAR SE MOHAMMAD GANJ SIMA SADAK TAK.

Islon Name :- Rural Works Department, Works Division, Triveniganj

k C	hhatapur Items of Works	Nos.		B (m)	(m) INO	uantity (m3)
No.	Items of Works	1403.		,,,,,,		
1		5	30.0	3.2	0.3	144
	BRICK BATS	1	30.0	(8+6)/2	0.3	63
		2	25.0	5.6	0.3	84
-		Total Qty	. =			291
-						
2	GEO BAGS					
		2	40	1	1.5	120
					120/0.076	157€
_						
3		2	3	2.5		15
	HP NP-3 1000MM DIA	2	3	2.5		15
	Hb Mb-2 TOOOMIN DIV	2	3	2.5		15
l.		2	3	2.5		15
7.1						60
-		otal Qty.	=	-		
	Var					

कार्यपालक अभियंत ग्रामीण कार्य विभाग

ग्रामीण कार्य विमाग कार्य प्रमंडल, बीरपुर।

कार्यपालक अभियंता ग्रामीण कार्य विभाग कार्य प्रमंडल, त्रिवेणीगंज

(123.5.N

पालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, त्रिवेणीगंज समिति के जाँच प्रतिवेदन के अनुसार POST FACTO M.B. एवं POST FACTO प्राक्कलन तैयार कराकर

न प्राधिकार को अग्रतर कार्रवाई हेतु शीघ्र मेजें।

अधीक्षण अभियंता सह अध्यक्ष जाँच समिति

ग्रामीण कार्य विभाग कार्य अंचल, मधेपुरा

SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF

ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR NAME OF ROAD :-

HOTE HUYE TO MD. GANJ HOTE SIMA SADAK TAK

TRIVENIGANJ DIVISION .

BLOCK :-**CHHATAPUR**

Actual Length of Road :-1.600 Km

Flood Affected Length of Road :-0.230 Km

Sr. No.	Description	Amount (In Rs.)
1	SAND BAG	
2	BRICK BATS	559,555.17
3	EC BAG	-
4	GEO BAG	271,705.53
5	GRANULAR SUB BASE	-
6	HUME PIPE	242,519.49
	Total Cost =	1,073,780.19
	Add:-Labour Cess @1% amt. =	10,737.80
	Add:GST@12% on amt. =	128,853.62
	Add:S.F.@ 10% on Material =	31,433.40
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,244,805.0

Junior Engineer RWD (W) Division, Triveniganj

Executive Engineer

RWD (W) Division, Triveniganj RWD (W) Division, Triveniganj

Vide letter to Hoto 4 (to) After (514) 23-291 2019-4840

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Superintending Engineer **Aural Works Department** Works Circle Madher

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NAME OF R	OAD :-			MAE FOR ITA KE G												
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CH:-in .					——————————————————————————————————————	1	1	0 1		0.000	0.	40	0.00	00		
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tem No. 2	grading to	and laying of required slo of engineer in	pe and con	obtained fro npacted at	om chimne OMC to a	y with n cheive r	nachen equired	ical me d densi	ans with a	Il spreadi complete	ng, as per	the				
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CH:-in						1		30	(8+6)/2	7.000	0	.300		000		
CH:-in						2		25		5.600	0	.300		000		
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		ling empty ce									(in C					
	and EC b	ag etc. all co	mpiete as	per approv	rea aesing	, specin	cation	and dir	ection or i	2/1			1			
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Item No. 4	Providing volume of lines by unloading direction	g,laying and of filled bag 0 approved nyl g and carries	filling Geo 0.07m3. we on thread ge with help ding Carria	eight of fille with stitchi p of trolley	d Geo bag ng machin within 150	7 m(Typus 126 K e and g m lead d 0.5 kn	g with enerate all com n)	00 GSM local sa or stack	Total (in n I nonwove and include king and p	os.) on) weight ing stitch blacing aft cifications	of bag ing in f er load s and	gs 420g our ling		0.00 0.00 0.00 120.0		
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Item No. 4	Providing volume of lines by unloading direction (0.076m)	g,laying and of filled bag 0 approved nyl g and carriag of E/I (included) 3=1 no. of G	filling Geo 1.07m3. we Ion thread ge with help ding Carria Geo Bags) ular sub-bit grader and	ase by pro	d Geo bag ng machin within 150 Il sand lear viding well on prepar	7 m(Types 126 Ke and gim lead d 0.5 km 2	enerate all com n) I mater ace, mel rolle	00 GSM local sa or stack applete a 40	Total (in nonwove and include king and parties per special (in parties per spe	os.) n) weight ing stitch blacing aft cifications 1. nos.) uniform lace methodesired	of baging in the relation of t	1.5	50	0.00 0.00 0.00 120. 1578 0.0		
Item No. 4	Providing volume of lines by unloading direction (0.076m) Construction with traction with rotal density.	g,laying and of filled bag 0 approved nyl g and carriag of E/I (included) 3=1 no. of Good complete as a complete	filling Geo 1.07m3. we 1.07m3. we 1.00 thread 1.00 e with help 1.00 ding Carria 1.00 e Bags) 1.00 ular sub-b 1.00 grader and 1.00 co 1.00 grader and 1.00 co 1.00 grader Tech	ase by pro rangement ompacting nical Spec	d Geo bag ng machin within 150 Il sand lear viding well on prepar with smoo'	7 m(Types 126 Ke and gram lead d 0.5 km 2	d mater ace, mel rolle	oo GSM local sa or stack applete a 40 40 rial, spr ixing b or to ac	Total (in nonwove and include king and parties per special)	os.) n) weight ing stitch blacing aft cifications 1. nos.) uniform lace methodesired	of baging in the relation of t	as 420gour ling 1.5	50 um)	0.00 0.00 0.00 120. 1578 0.0		
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CH:-in Item No. 5	Providing volume of lines by unloading direction (0.076m Construgith tractions with tractions density.	g,laying and of filled bag 0 approved nyl g and carriag of E/I (included) 3=1 no. of Good complete as a complete	filling Geo 1.07m3. we 1.07m3. we 1.00 thread 1.00 e with help 1.00 ding Carria 1.00 e Bags) 1.00 ular sub-b 1.00 grader and 1.00 co 1.00 grader and 1.00 co 1.00 grader Tech	ase by pro rangement ompacting nical Spec	d Geo bag ng machin within 150 Il sand lear viding well on prepar with smoo'	7 m(Types 126 Ke and granded 0.5 km 2 2 graded ed surfith whee lause 4 le Pipe N	d mater ace, mel rolle 01 (Gr-	oo GSM local sa or stack inplete a 40 40 rial, spri ixing b or to ac- -II Mate	Total (in nonwove and include king and parties per special) Total (in eading in y mix in phieve the erial)	os.) n) weight ing stitch blacing aft cifications 1. nos.) uniform lace methodesired	of baging in the relation of the sand of t	as 420gour ling 1.5	50 um)	120. 1578 0.0 0.0		
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CH:-in Item No. 5	Providing volume of lines by unloading direction (0.076m Construgith tractions with tractions density.	g,laying and of filled bag 0 approved nyl g and carriag of E/I (included) 3=1 no. of Good complete as a complete	filling Geo 1.07m3. we 1.07m3. we 1.00 thread 1.00 e with help 1.00 ding Carria 1.00 e Bags) 1.00 ular sub-b 1.00 grader and 1.00 co 1.00 grader and 1.00 co 1.00 grader Tech	ase by pro rangement ompacting nical Spec	d Geo bag ng machin within 150 Il sand lear viding well on prepar with smoo'	7 m(Types 126 Ke and granded 0.5 km 2 2 graded ed surfith whee lause 4 le Pipe N	d mater ace, mel rolle 01 (Gr-	oo GSM local sa or stack inplete a 40 40 rial, spri ixing b or to ac- -II Mate	Total (in nonwove and including and partial formal (in eading in y mix in phieve the erial)	os.) n) weight ing stitch blacing aft cifications 1. nos.) uniform lace methodesired	of baging in the relation of the sand of t	as 420gour ling 1.5	50 um)	0.00 0.00 0.00 120.1 1578		

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Executive Engineer
Rural Jorks Department
Work Division. Trivenigan

Estimate of Flood affected Road

NAME OF ROAD :-

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM 31 NO SADAK LAXMAN MEHTA KE GHAR HOTE HUYE TO MD. GANJ BLOCK :-HOTE SIMA SADAK TAK

CHHATAPUR

.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	0.00	Cum	549.11	0.00
2	A/R	Providing and laying of Brick bat obtained from chimney with machenical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.	291.00	Cum	1922.87	559555.17
3	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	0.00	nos.	36.10	0.00
4		Providing, laying and filling Geo bags of size 1m X 0.7 m(Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3, weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I (including Carriage of Local sand lead 0.5 km)	1578.00	Each	172.18	271705.53
5	401	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	0.000	Cum	3010.64	0.00
6	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 per design in Single Roww(1000mm Dia).	as 60.00) m	4041.99	
	1	Total			Rs.	1073780.1

Executive Engineer
Rural Jorks Bepartment Work Division, Trivenigani

6,716.2